

GENERAL INFORMATION

Try the Commerce Website:



<http://commerce.wi.gov>

(Scroll down Topics column, Click Safety & Buildings)

Conveniently obtain for view or print:

- Staff Contact Information
- Specific Programs, "Gas Systems"
- Code Copies, "Chapter Comm 40"
- Inspector District Maps
- Plan review Form "SBD-6038"
- Credential Applications
- Individual Credential Status
- Regulated Object data

CODE SECTION HIGHLIGHTS

Comm 40 – Gas Systems Code



PLAN REVIEW REQUIRED FOR

*Liquid Petroleum Gas – **LPG**

Containers 2000 gallon and larger
Aggregate 4000 gallon and larger

*Compressed Natural Gas – **CNG**

No size limitations

*Liquid Natural Gas – **LNG**

Containers 2000 gallon and larger

*Hydrogen – Liquefied **H₂**

Containers 2000 gallon and larger
Aggregate 4000 gallon and larger

*Hydrogen - Gaseous **H₂**

No size limitations

*Adopted Standards

NFPA 50A – H₂ Gaseous
NFPA 50B – H₂ Liquefied
NFPA 58 – LPG
NFPA 52 – CNG
NFPA 59A – LNG
ANSI/ASME B31.3, Process Piping

SUBMIT PLANS & APPLICATION FORM

*SBD-6038 – Install application and plans

Scaled plans per Comm 40.10
Indicate roads and property lines
Foundation – pier, bulkhead, supports
Piping schematic w/materials
Vessel information – provide MDR
Surface area of vessel
Pressure relief set/capacity

*Site Inspection necessary after plan approval
Contact District Inspector

LPG - NO PERMIT TO OPERATE REQUIRED

Comm 43 – Anhydrous Ammonia

PLAN REVIEW REQUIRED

*Anhydrous Ammonia Storage
No size limitations

*Adopted Standards

ANSI / K 61.1 – NH₃
ANSI / ASME B31.3 – Piping

SUBMIT PLANS & APPLICATION FORM

*SBD-6038 – Installation application

Scaled plans per Comm 43.10
Indicate roads and property lines
Foundation – pier, bulkhead, supports
Piping schematic w/materials
Vessel information – provide MDR
Surface area of tank
Pressure relief set/capacity

*Site inspection necessary after plan approval
Contact District Inspector

NH₃ - PERMIT TO OPERATE REQUIRED

*Anhydrous ammonia storage every 3 yrs.
External inspection performed
*Nurse tank inspection every 3 yrs.
External inspection performed-no PTO

NOTE: Precautions should be taken to prevent theft of anhydrous ammonia for illicit purposes at both storage facility dealerships and remote farm field locations.

WELDING, REPAIR & ALTERATION INFO

GAS SYSTEM VESSELS

*Vessel nameplate shall be stamped ASME

*Obtain Manufacturer's Data Report "MDR"

Contact NB @ 1-614-888-8320 for copy
Prior to call, get data from nameplate:

- Manufacturer name
- Year built
- National Board / serial #

*Welded repair & alteration per Comm 41



Adopts Nat'l Board Inspection Code
R-1, R-2 forms completed by Repair Co
Register forms with National Board

*GAS SYSTEM Piping fabrication & welding

Inspection prior to begin fabrication
Materials, valves & fittings meet B31.3
ASME welder documentation at site

- WPS– weld procedure specification
- PQR– procedure qualification record
- WPQ– welder performance qualification
- Welder's Continuity log



PLAN SUBMITTAL / ASSISTANCE

To: Commerce – Safety & Buildings Division
141 NW Barstow St, 4th Floor
Waukesha, WI 53188

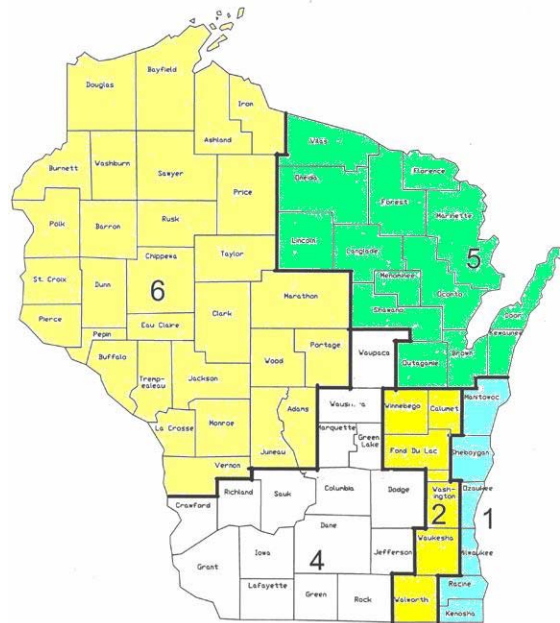


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SBD-10790-P (R 04/06)
End Date – 05/08

Inspection Districts



District 1
David Homan
262-424-1471

District 2
Terence Waldbillig
414-303-8575

District 3
Jon Wolf
920-723-0032

District 4
James Markiewicz
920-428-9423

District 5
Duane Leetch
715-559-8817

Waukesha Office
Michael Verhagen
Plan Review
262-548-8617
Fax-548-8614

Madison Office
Ulrich Merkle
Supervisor
608-266-3037
Fax-267-9723



GAS SYSTEMS AND Anhydrous Ammonia (CNG - H₂ - LNG - LPG - NH₃)

Safety & Building Division
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